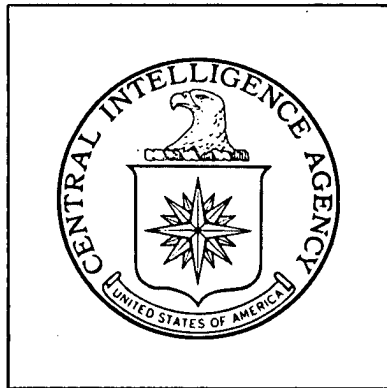


Top Secret



**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Yunnan Province, China

Top Secret

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RCS 13/0028/71

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DATE MAY 1971

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

RCS - 13/0028/71

ABSTRACT

This report, based on late 1970 and early 1971 photography, updates previous basic reporting on four of the major electric power plants in Yunnan Province, southern China. Four other power plants in Yunnan scheduled for update reports were not covered on photography during this reporting period. The cut-off date for information is February 1971.

Additions to the boilerhouse and generator hall have been constructed at the Jen-ho-chieh Thermal Power Plant 2. No changes were apparent at the Jen-ho-chieh Thermal Power Plant 1, Kai-yuan Thermal Power Plant, and the Kai-yuan Thermal Power Plant Chemical Plant.

The plants at Jen-ho-chieh and Kai-yuan were operating when observed on the latest photography.

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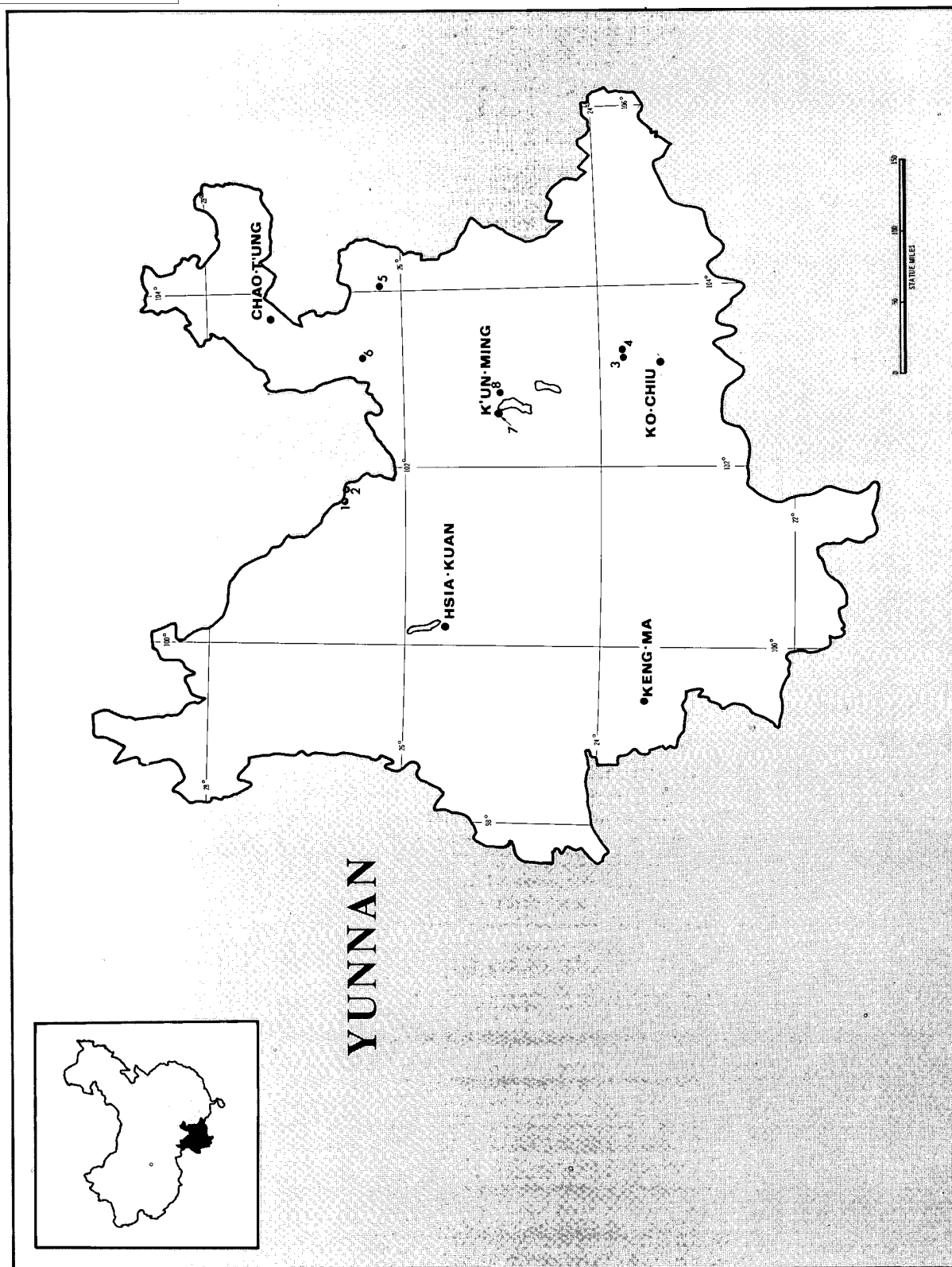


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report covers the following eight major electric power plants in Yunnan Province (see Figure 1).

1. Jen-ho-chieh Thermal Power Plant 2.
2. Jen-ho-chieh Thermal Power Plant 1.
3. Kai-yuan Thermal Power Plant Chemical Plant.
4. Kai-yuan Thermal Power Plant.
5. Hsuan-wei Thermal Power Plant Jung-feng.
6. Hui-tse Hydro Power Plant I-li-ho 1.
7. Kun-ming Thermal Power Plant Pu-ping-tsun.
8. Kun-ming Thermal Power Plant Yang-tsung-hai.

Requirement

COMIREX NOI

Support Number 421996

Document Reference

CIA. RCS - 13/0044/70, Major Electric Power Plants, Yunnan Province, China, May 1970, (TOP SECRET RUFF)

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FIGURE 2. JEN-HO-CHIEH THERMAL POWER PLANT 2,

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Key to Annotations		
Item	Description	Dimensions (Ft)
1	Boilerhouse (addition)	115 x 90
2	Generator hall (addition)	95 x 90
3	Water treatment facility	-
4	Water treatment facility	-

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Jen-ho-chieh Thermal Power Plant 2		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
47RQV580440	26-35-30N 101-35-30E	
MAP REFERENCE		

AMS. Series L500, Sheet NG 47-8, 1954, Scale 1:250,000 (Unclassified)

LATEST IMAGERY USED	NEGATION DATE (If required)
	NA

25X1

BASIC DESCRIPTION

Jen-ho-chieh Thermal Power Plant 2 has been expanded since March 1970, the date of the latest photography used in the previous report. In November 1970, additions to the generator hall and boilerhouse had been externally completed (see Figure 2). The additions are served by a newly constructed stack and appear to contain one boiler-generator unit. The new boiler is larger than the existing boiler in both cross section and elevation and will probably have a larger steam generation capability. The new boiler-generator unit was probably not yet operational. A second new stack is offset from the boilerhouse and additional foundations indicate that a second addition is probably planned.

The older boilerhouse was operating in November 1970. Smoke was coming from its stacks.

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Imagery Analysis Service

INSTALLATION OR ACTIVITY NAME					COUNTRY	
See Table					CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NUMBER	COMIREX NO.	NIETB NO.	
See Table	See Table	See Table	See Table	See Table	See Table	
MAP REFERENCE						

See Referenced BIIR

LATEST IMAGERY USED	NEGATION DATE (If required)
Not Required	Not Required

The following plants were not photographed during this reporting period.

Installation Name	Coordinates		WACPIC No.
	UTM	Geographic	
Hsuan-wei Thermal Power Plant Jung-feng	48RVD113962	26-10-59N 104-06-58E	0496-41
Hui-tse Hydro Power Plant I-li-ho I	48RUE272154	26-20-55N 103-16-00E	0496-45B
Kun-ming Thermal Power Plant Pu-ping-tsun	48RTC590680	25-00-07N 102-36-55E	0496-4E
Kun-ming Thermal Power Plant Yang-tsung-hai	48RUC005615	24-57-31N 103-01-35N	0496-23C

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